Junction Box Pre-Installation Guide

Parts Bag Contents

Floor Template 1
Elbow Fitting 1
Adapter 1
Stop Valve 2

Special Tools

none

Attention!

J-Box must be positioned within reach of the umbilical.

Unit Mounting Style	***Umbilical Length***
LR	*4 ft (1.2m)*
Console	*4 ft (1.2m)*
Wall / Cabinet Mtd.	*4 ft (1.2m)*

Electrical Requirements

EQUIPMENT ALERT
When installing ***115 VAC*** receptacle in the large junction box, the ground must be positioned as shown on diagram/template to accom-modate power cord. Refer to appropriate J-Box Diagram page of this module for reference.

NOTE
115 VAC models only: Grounding reliability can only be achieved if this equipment is connected to an equivalent receptacle marked Hospital Grade (NEMA 5-15R, HOSPITAL GRADE).

Large Junction Box:
1/2 in. (13 mm) conduit box w/quad receptacle.

Small Junction Box :
1/2 in. (13 mm) conduit box w/duplex receptacle.

Wire box per local codes and regulations.
Top of box must be no higher than 5 in.
(127 mm) above finished surface of floor.

Water Supply Requirements

1/2 in. (13 mm) pipe NPT (supplied by contractor) protrud-ing 2 in. (51 mm) above finished surface of floor. Manual shut-off valve (supplied by Midmark) to be installed by contractor.

Water pressure must be 30-50 (max.) PSI at the shut-off valve. Flush water plumbing clean before making final connections to dental equipment.

Air Supply Requirements

1/2 in. (13 mm) pipe NPT (supplied by contractor) protruding 2 in. (51 mm) from finished surface of floor. Manual shut-off valve (supplied by Midmark) to be installed by contractor.

Air pressure must be 70-100 (max.) PSI at the shut-off valve. Flush air plumbing clean before making final connections to dental equipment.

Drain Requirements *(optional)*

Not less than 1 1/2 in. (38 mm) I.D. pipe from downpipe to trap, decreasing to 3/4 in. (19 cm) pipe from trap to connection box. Terminate with 3/4 in. (19 mm) NPT protrud-ing 1 in. (26 mm) above finished surface of floor. Install elbow fitting and adapter (supplied by Midmark).

Place trap in line and vent to conform with local codes. [All hardware supplied by contractor].

Vacuum Requirements *(optional)*

Plumbing to junction box should be specified by central vacuum supplier and terminated in junction box with 5/8 in. (16 mm) O.D. tube protruding 1 in. (26 mm) above finished surface of floor.

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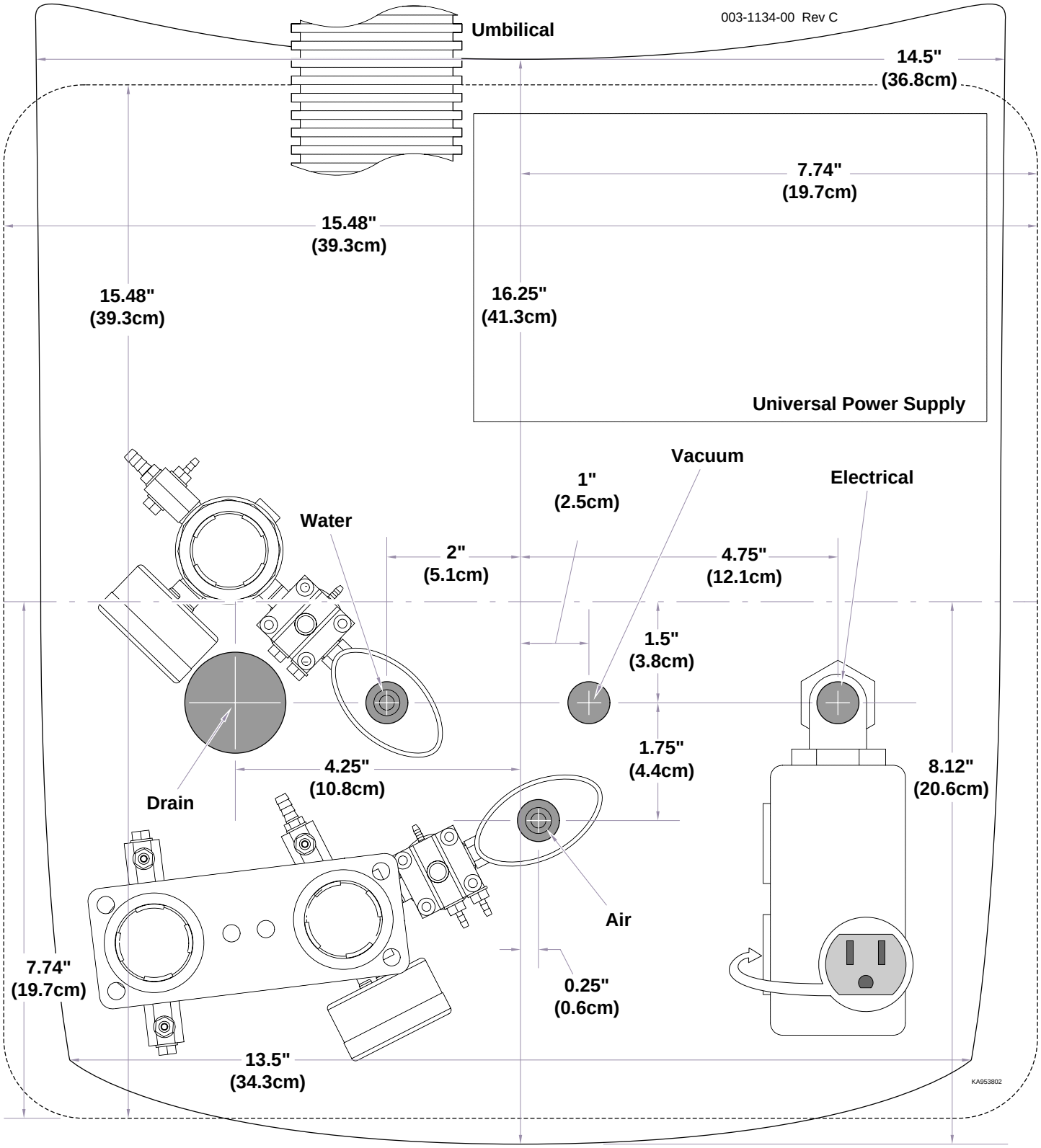
Large Junction Box



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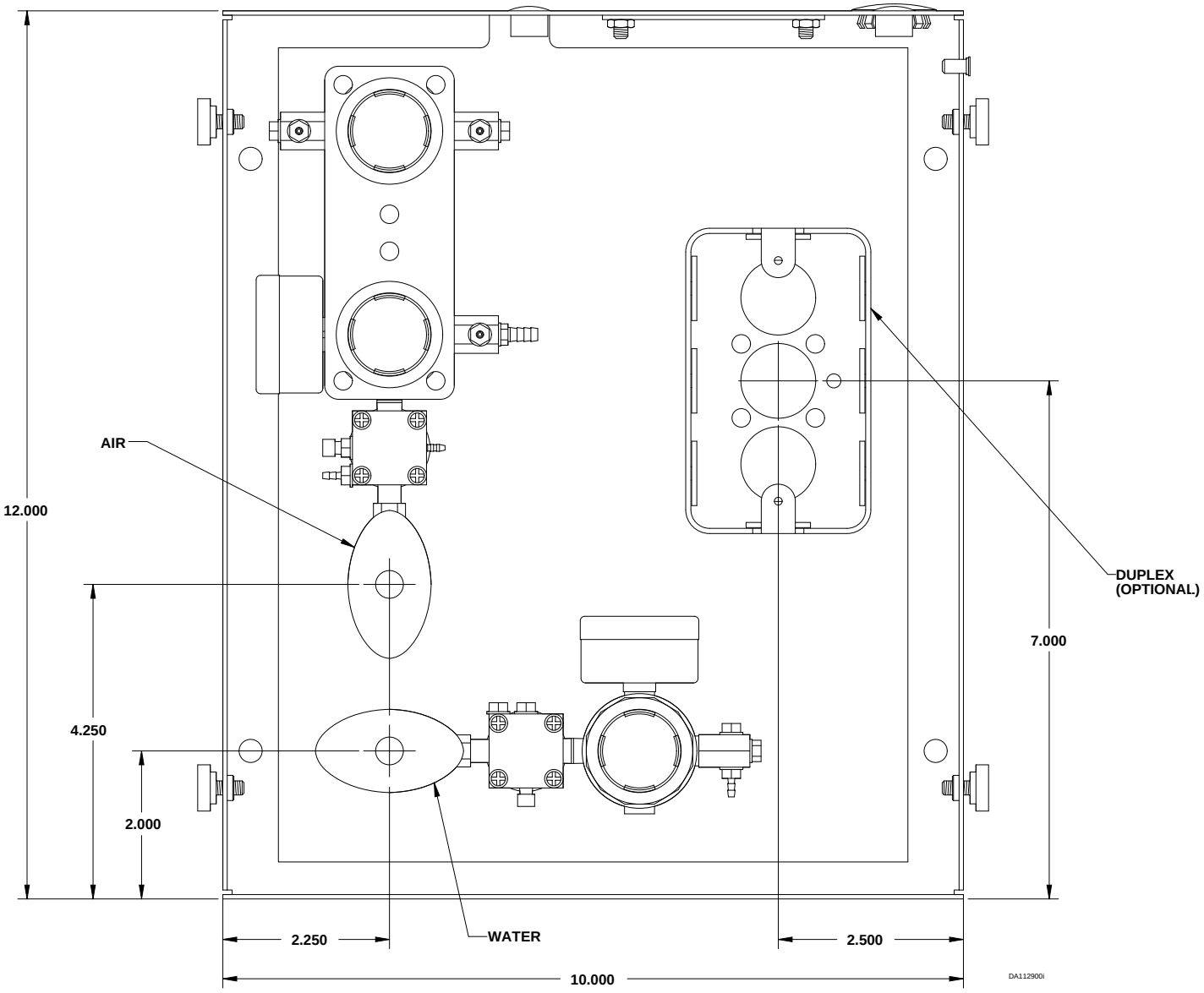
Small Junction Box



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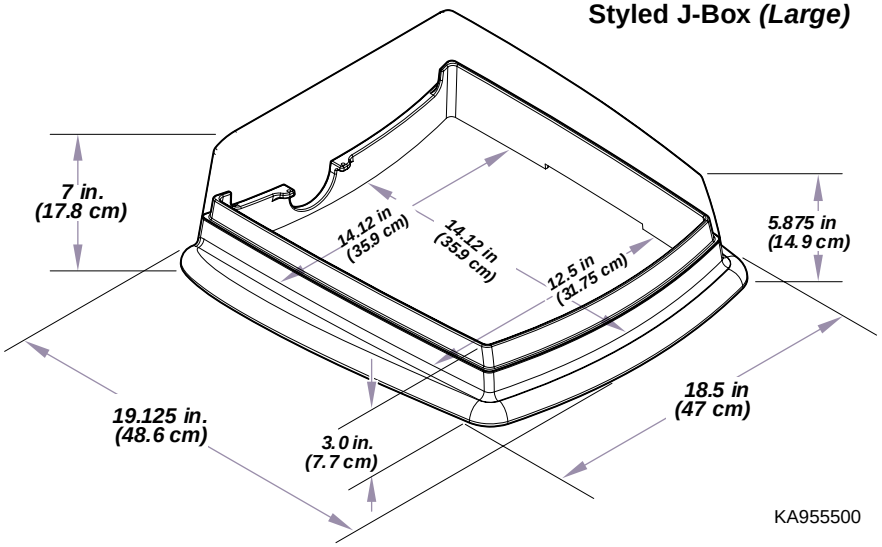
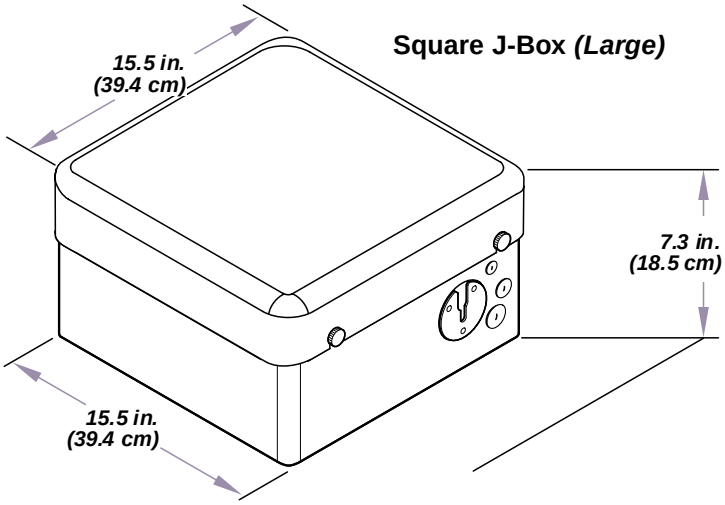
Junction Box Dimensions

Styled J-Box *(Large)*



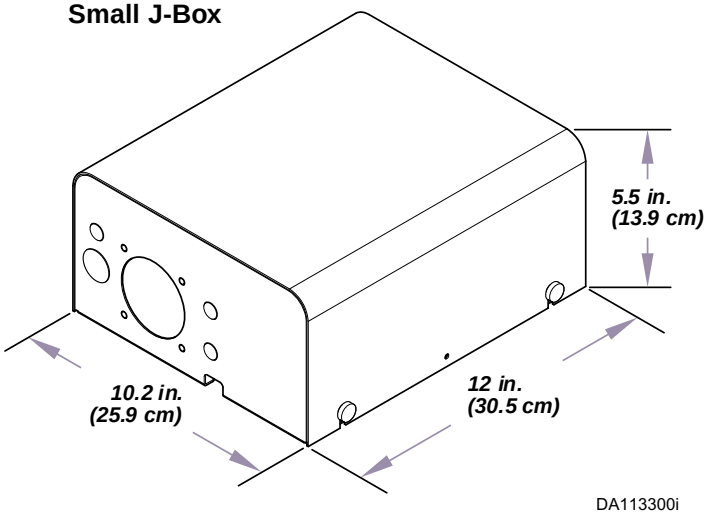
KA955500

Square J-Box *(Large)*



KA947401

Small J-Box



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